

**Upper Division Form  
Department of Geosciences**

Mentor : \_\_\_\_\_  
Catalog Year: 2019-2020

**Instructions: For students graduating in Summer 2019 or later, an original copy signed by advisor, Geosciences mentor and Department Chair, AND an *Intent to Graduate Form* must be filed in DSB 120 upon completion of 60 credit hours.**

<b>Student Name:</b>		<b>Student ID:</b>		<b>MTSU Box</b>	
<b>Degree Sought:</b>		<b>Phone:</b>			
<b>Major and/or concentration:</b>	<b>Concentration: Geology Career Path: Earth Science</b>	<b>E-mail:</b>			

General Education Requirements (41 hrs)	Course	Semester	Grade	Notes	Credit Hours
<b>COMMUNICATION</b> (9 hours)	ENGL 1010				3
	ENGL 1020				3
	COMM 2200				3
<b>HISTORY</b> (6 hours) Choose two of the following: HIST 2010, HIST 2020, HIST 2030					3
					3
<b>HUMANITIES AND/OR FINE ARTS</b> (9 hours) Choose one of the following: ENGL 2020, ENGL 2030, or HUM 2610 <b>Choose two different subjects*</b> : ANTH 2210; ART 1030, ART 1920; DANC 1000; HIST 1010, HIST 1020, HIST 1110, or HIST 1120; HUM 2610; MUS 1030; PHIL 1030; THEA 1030					3
					3
<b>MATHEMATICS</b> (3 hours) Choose one: MATH 1010, MATH 1530, MATH 1630, MATH 1710, MATH 1720, <b>**MATH 1730</b> , MATH 1810, MATH 1910				Note: MATH 1730 required in cognate	3
					3
<b>NATURAL SCIENCES</b> (8 hours) <b>Choose two different subjects:</b> ASTR 1030/1031; BIOL 1030/1031, BIOL 1110/1111, BIOL 2010/2011, BIOL 2020/2021; CHEM 1010/1011, CHEM 1030/1031, CHEM 1110/1111; GEOL 1030/1031, GEOL 1040/1041, PHYS 1110, PHYS 2010/2011, PHYS 2110/2111; PGEO 1030; PSCI 1030/1031, PSCI 1130/1131				Note: GEOL 1030/1031 or GEOL 1040/1041 required for major	4
					4
<b>SOCIAL/BEHAVIORAL SCIENCES</b> (6 hours) <b>Choose two different subjects:</b> AAS 2100; ANTH 2010; ECON 2410, ECON 2420; EMC/JOUR/RIM 1020; GEOG 2000; GS 2010; HLTH 1530/1531; PS 1005, PS 1010; PSY 1410; RS 2030; SOC 1010, SOC 2010; WGST 2100					3
					3
<b>* Must be different prefix from choice in first Humanities/Fine Arts category.    ** Required to complete Math/Science Cognate</b>					<b>SUBTOTAL HOURS</b>
					<b>41</b>

Courses to be taken to complete Major (42 hours)					
Required Courses	Semester	Grade	Notes	Credit Hours	
MATH 1530			Applied Statistics (3 hrs)	3	
GEOL 1030/1031 or GEOL 1040/1041			Intro Earth Science + Lab or Physical Geology + Lab ( 4 hrs)	4	
GEOL 1050			Historical Geology (4 hrs)	4	
GEOL 3000			Mineralogy (5 hrs)	5	
GEOL 3010			Oceanography (3 hrs)	3	
GEOL 3050			Field Methods in Geology (3 hrs)	3	
GEOL 4020			Geomorphic Regions US (4 hrs)	4	
GEOL 4050			Meteorology ( 3 hrs)	3	
<b>MAJOR REQUIREMENTS CONTINUED ON NEXT PAGE</b>					

Elective Courses: Choose 13 hours of Geoscience Electives from any GEOL or PGEO course, or any Geosciences mentor-approved math or science courses.	Semester	Grade	Notes	Credit Hours
<b>SUBTOTAL HOURS, MAJOR REQUIREMENTS</b>				<b>42</b>

Courses to be taken to complete Math/Science Cognate (18 hours)				
Required Courses	Semester	Grade	Notes	Credit Hours
* MATH 1730			Pre Calculus (4 hrs) (3 hrs could count in general education)	1*
PGEO 4530			Geographic Info. Systems (3 hrs)	3
PLSO 3340			Soils (3 hrs)	3
Math/Science Cognate Electives (9 hours, Geosciences mentor-approved; 4 hours must be selected from the Natural Science general education list on page 1)				
* May be applied to General Education requirements			<b>SUBTOTAL HOURS; COGNATE</b>	<b>16</b>

Geosciences mentor-approved electives (22 hours)				
Course	Semester	Grade	Notes	Credit Hours
<b>SUBTOTAL HOURS; MENTOR APPROVED ELECTIVES</b>				<b>21</b>
<b>A minimum of 120 semester hours are required for graduation. TOTAL HOURS</b>				

Notes: \_\_\_\_\_

Approved -  
Student: \_\_\_\_\_ Advisor: \_\_\_\_\_ Date: \_\_\_\_\_

Geosciences Mentor: \_\_\_\_\_ Geosciences Chair: \_\_\_\_\_